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**REQUEST  
FOR  
CONTINUED EXAMINATION (RCE)  
TRANSMITTAL**

Subsection (b) of 35 U.S.C. § 132, effective on May 29, 2000,  
provides for continued examination of an utility or plant  
application filed on or after June 8, 1995.  
See The American Inventors Protection Act of 1999 (AIPA).

|                        |                     |
|------------------------|---------------------|
| Application Number     | 10/035609           |
| Filing Date            | December 28, 2001   |
| Examiner Name          | Thai, Tuan V.       |
| First Named Inventor   | Kwok Ken Mak et al. |
| Group Art Unit         | 2186                |
| Attorney Docket Number | 112025-0471         |

This is a Request for Continued Examination (RCE) under 37 C.F.R. § 1.114 of the above-identified application.  
**NOTE:** 37 C.F.R. § 1.114 is effective on May 29, 2000. If the above-identified application was filed prior to May 29, 2000, applicant may wish to consider filing a continued prosecution application (CPA) under 37 C.F.R. § 1.53 (d) (PTO/SB/29) instead of a RCE to be eligible for the patent term adjustment provisions of the AIPA. See Changes to Application Examination and Provisional Application Practice, Interim Rule, 65 Fed. Reg. 14865 (Mar. 20, 2000), 1233 Off. Gaz. Pat. Office 47 (Apr. 11, 2000), which established RCE practice.

1. **Submission required under 37 C.F.R. § 1.114**

- a. ☐ Previously submitted
- i. ☐ Consider the amendment(s)/reply under 37 C.F.R. § 1.116 previously filed on  
(Any unentered amendment(s) referred to above will be entered).
- ii. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on
- iii. ☐ Other
- b. ☐ Enclosed
- i. ☐ Amendment/Reply
- ii. ☐ Affidavit(s)/Declaration(s)
- iii. ☐ Information Disclosure Statement (IDS)
- iv. ☐ Other

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2. **Miscellaneous**

- a. ☐ Suspension of action on the above-identified application is requested under 37 C.F.R. § 1.103(c) for a period of \_\_\_\_\_ months. (Period of suspension shall not exceed 3 months; Fee under 37 C.F.R. § 1.17(i) required)
- b. ☐ Other

3. **Fees** The RCE fee under 37 C.F.R. § 1.17(e) is required by 37 C.F.R. § 1.114 when the RCE is filed.

- a. ☒ The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No. 03-1237
- i. ☒ RCE fee required under 37 C.F.R. § 1.17(e)
- ii. ☒ Extension of time fee (37 C.F.R. §§ 1.136 and 1.17)
- iii. ☐ Other
- b. ☒ Check in the amount of \$770 enclosed (= RCE fee)
- c. ☐ Payment by credit card (Form PTO-2038 enclosed)

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED**

|                    |                    |                                   |                |
|--------------------|--------------------|-----------------------------------|----------------|
| Name (Print /Type) | A. Sidney Johnston | Registration No. (Attorney/Agent) | 29,548         |
| Signature          |                    | Date                              | August 2, 2004 |

**CERTIFICATE OF MAILING OR TRANSMISSION**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop RCE, Commissioner For Patents, Box 1450, Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office on 8/2/04

|                    |                   |      |                |
|--------------------|-------------------|------|----------------|
| Name (Print /Type) | Maryann Cappuccio | Date | August 2, 2004 |
| Signature          |                   |      |                |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND Fees and Completed Forms to the following address: Mail Stop RCE, Commissioner for Patents, Box 1450, Alexandria, VA 22313-1450.



Patent and Trademark Office/SB/17 (10-03)  
Approved for use through 04/30/2003. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant Claims Small Entity Status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 770

Complete if Known

Application Number 10/035609  
Filing Date December 28, 2001  
First Named Inventor Kwok Ken Mak et al  
Examiner Name Thai, Tuan V.  
Group Art Unit 2186  
Attorney Docket No. 112025-0471

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### METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money ☐ Other ☐ None  
Order

☒ Deposit Account

Deposit Account Number 03-1237

Deposit Account Name Cesari and McKenna, LLP

The Commissioner is authorized to: (check all that apply)  
Charge any deficiency or

☐ Charge fee indicated below ☒ Credit any overpayments  
☐ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

### FEE CALCULATION

#### 1. BASIC FILING FEE

| Large Entity |          | Small Entity |          | Fee Description        | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |                        |          |
| 1001         | 750      | 2001         | 375      | Utility filing fee     |          |
| 1002         | 330      | 2002         | 165      | Design filing fee      |          |
| 1003         | 520      | 2003         | 260      | Plant filing fee       |          |
| 1004         | 750      | 2004         | 375      | Reissue filing fee     |          |
| 1005         | 160      | 2005         | 80       | Provisional filing fee |          |
| SUBTOTAL (1) |          |              |          | (\$ )                  | 0        |

#### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

|                       |                      |   |      | Extra<br>Claims |                                | Fee from<br>below |                                 | Fee Paid                         |
|-----------------------|----------------------|---|------|-----------------|--------------------------------|-------------------|---------------------------------|----------------------------------|
| Total Claims          | <input type="text"/> | - | 20** | =               | <input type="text" value="0"/> | ×                 | <input type="text" value="18"/> | = <input type="text" value="0"/> |
| Independent<br>Claims | <input type="text"/> | - | 3**  | =               | <input type="text" value="0"/> | ×                 | <input type="text" value="86"/> | = <input type="text" value="0"/> |
| Multiple Dependent    |                      |   |      |                 |                                |                   | <input type="text"/>            | = <input type="text" value="0"/> |

| Large Entity |          | Small Entity |          | Fee Description   | Fee Paid |
|--------------|----------|--------------|----------|---|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |   |          |
| 1202         | 18       | 2202         | 9        | Claims in excess of 20                                    |          |
| 1201         | 84       | 2201         | 42       | Independent claims in excess of 3                         |          |
| 1203         | 280      | 2203         | 140      | Multiple dependent claim, if not paid                     |          |
| 1204         | 84       | 2204         | 42       | **Reissue independent claims over original patent         |          |
| 1205         | 18       | 2205         | 9        | **Reissue claims in excess of 20 and over original patent |          |
| SUBTOTAL (2) |          |              |          | (\$ )   | 0        |

\*\*or number previously paid, if greater; For Reissues, see below

### FEE CALCULATION (continued) Technology Center 2100

#### 3. ADDITIONAL FEES

| Large Entity        |          | Small Entity |          | Fee Description  | Fee Paid |
|---------------------|----------|--------------|----------|--|----------|
| Fee Code            | Fee (\$) | Fee Code     | Fee (\$) |  |          |
| 1051                | 130      | 2051         | 65       | Surcharge - late filing fee or oath  |          |
| 1052                | 50       | 2052         | 25       | Surcharge - late provisional filing fee or cover sheet                     |          |
| 1053                | 130      | 1053         | 130      | Non-English Specification  |          |
| 1812                | 2,520    | 1812         | 2,520    | For filing a request for ex parte reexamination                            |          |
| 1804                | 920      | 1804         | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 1805                | 1,840    | 1805         | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 1251                | 110      | 2251         | 55       | Extension for reply within first month                                     |          |
| 1252                | 410      | 2252         | 205      | Extension for reply within second month                                    |          |
| 1253                | 930      | 2253         | 465      | Extension for reply within third month                                     |          |
| 1254                | 1,450    | 2254         | 725      | Extension for reply within fourth month                                    |          |
| 1255                | 1,970    | 2255         | 985      | Extension for reply within fifth month                                     |          |
| 1401                | 320      | 2401         | 160      | Notice of Appeal   |          |
| 1402                | 320      | 2402         | 160      | Filing a brief in support of an appeal                                     |          |
| 1403                | 280      | 2403         | 140      | Request for oral hearing   |          |
| 1451                | 1,510    | 1451         | 1,510    | Petition to institute a public use proceeding                              |          |
| 1452                | 110      | 2452         | 55       | Petition to revive - unavoidable   |          |
| 1453                | 1,300    | 2453         | 650      | Petition to revive - unintentional   |          |
| 1501                | 1,300    | 2501         | 650      | Utility Issue fee (or reissue)   |          |
| 1502                | 470      | 2502         | 235      | Design Issue fee   |          |
| 1503                | 630      | 2503         | 315      | Plant Issue fee  |          |
| 1460                | 130      | 1460         | 130      | Petitions to the Commissioner  |          |
| 1807                | 50       | 1807         | 50       | Processing fee under 37 CFR 1.17(q)  |          |
| 1806                | 180      | 1806         | 180      | Submission of Information Disclosure Stmt                                  |          |
| 8021                | 40       | 8021         | 40       | Recording each patent assignment per property (times number of properties) |          |
| 1809                | 750      | 2809         | 375      | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
| 1810                | 750      | 2810         | 375      | For each additional invention to be examined (37 CFR 1.129(b))             |          |
| 1801                | 750      | 2801         | 375      | Request for Continued Examination (RCE)                                    | 770      |
| 1802                | 900      | 1802         | 900      | Request for expedited examination of a design application                  |          |
| Other fee (specify) |          |              |          |  |          |
| Other fee (specify) |          |              |          |  |          |
| SUBTOTAL (3)        |          |              |          | (\$ )  | 770      |

\*Reduced by Basic Filing Fee Paid

### SUBMITTED BY

Name (Print/Type) A. Sidney Johnston

Registration No. (Attorney/Agent)

29,548

### Complete (if applicable)

Telephone (617) 951-2500

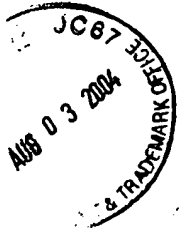
Signature

Date

August 3, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OF COMPLETED FORMS TO THIS OFFICE.

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Honorable Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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AMENDMENT TRANSMITTAL LETTER

Sir:

Transmitted herewith for filing in the Patent Application of  
Inventor(s): Kwok Ken Mak et al.

For: SYSTEM AND METHOD FOR PROCESSING MEMORY  
REQUESTS

Serial No.: 10/035609

Filed: December 28, 2001

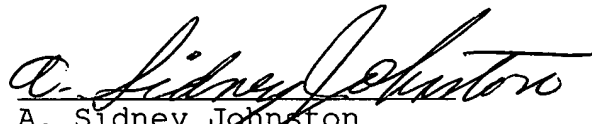
are the following papers:

- ☒ A response to the Office action dated May 5, 2004
- ☒ A petition for extension of time and check for \$770
- ☐ A check for \$ to cover the fee for additional claims resulting from the response. The fee is calculated as follows:

Total Claims Remaining after  
Amendment:.....21  
Less Highest Number of Total Claims  
Previously Paid for:.....20  
  
Difference.....1 × \$ 18 = \$ 18  
  
Independent Claims Remaining  
after Amendment.....  
Less Highest Number of Independent  
Claims Previously Paid for.....3  
  
Difference.....0 × \$ 86 = \$ 0  
  
Multiple-Dependent-Claim Fee Required  
after Amendment and Not Previously Paid.....\$ 0  
  
Total of Above Calculations.....\$ 18  
Less Reduction for Small Entity .....\$ 0  
  
Total Due .....\$ 18

The Commissioner is hereby authorized to charge any  
other fees under 37 C.F.R. §§1.16 and 1.17 that may be required,  
or credit any overpayment, to our Deposit Account No. 03-1237.

Respectfully submitted,

  
A. Sidney Johnston  
Reg. No. 29,848  
CESARI AND MCKENNA, LLP  
88 Black Falcon Avenue  
Boston, MA 02210  
(617) 951-2500



PATENTS  
112025-0471  
3556

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re The Application of:  
Kwok Ken Mak et al.

Serial No.: 10/035609

Filed: December 28, 2001

For: SYSTEM AND METHOD FOR  
PROCESSING MEMORY RE-  
QUESTS

Examiner: Thai, Tuan V.

Art Unit: 2186

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Cesari and McKenna, LLP  
88 Black Falcon Avenue  
Boston, MA 02210  
August 3, 2004

**EXPRESS-MAIL DEPOSIT**

“Express Mail” Mailing-Label Number: EV 335 590 819 US

The following papers are being deposited with the United States Postal Service  
“Express Mail Post Office to Addressee” service pursuant to 37 C.F.R. §1.10:

X Check No. 28990 for \$770  
X Amendment Transmittal  
X Fee Transmittal

X Request for Continued Examination  
X Preliminary Amendment